

**Manual Make-up/refill unit for refill operations with pressurised and non-pressurised seal flushing systems.**

**FLO-PAC® TYPE HMF-..**



**Standard configuration:**

- A high quality Micropac® robust and compact hand pump, with a stroke capacity of 50cc per full stroke.
- A hard chrome plated stainless steel piston rod for durable operation.
- A liquid reservoir, in volumes 2.5<sup>5</sup> or 5 Ltr.
- Any pressure capability up to 100 bar (std. = 40 bar).
- Complete with poppet check valve.
- Complete with suction strainer.
- Complete with filler/breather and dipstick.
- Nitrile O-rings and PTFE piston and bearing seals.

**Reservoir volume:**

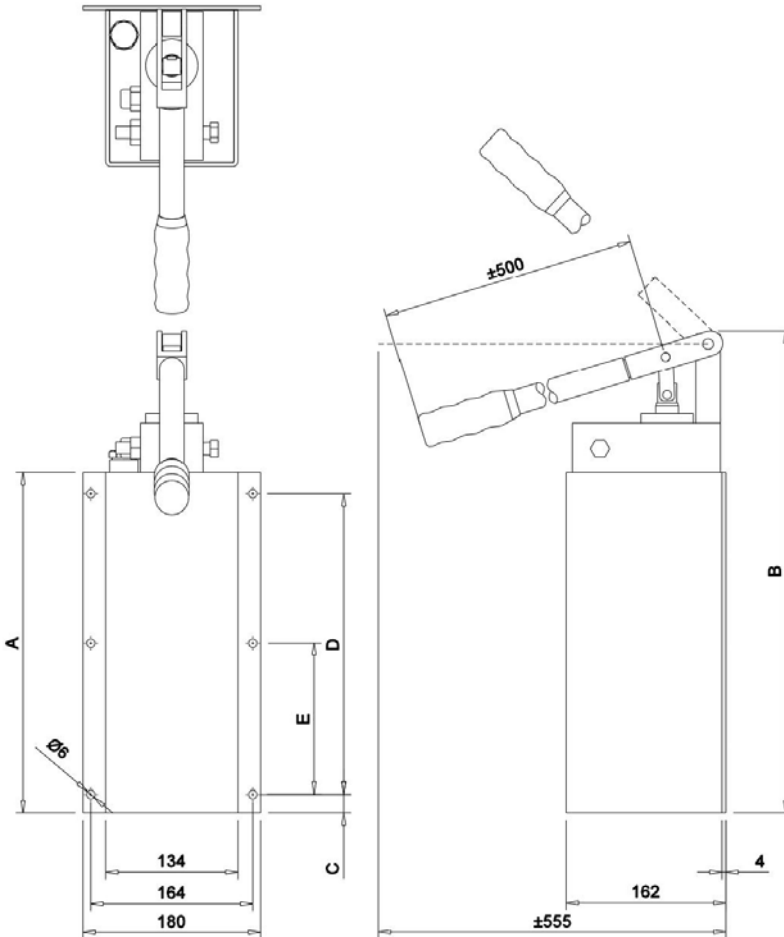
- Model HMF-2.5<sup>5</sup> : 2.5 Ltr.
- Model HMF-5 : 5 Ltr.

**Material configuration:**

- W : Anodised alloy for mineral oils and water
- SW: Stainless steel /bronze for mineral oils, water and most other liquids.

**Optional:**

- Pressure release valve.
  - Safety relief valve (standard setting 40 bar)
  - Glycerine filled pressure indicator. (std. range: 40 bar)
- Settings/range (specify if different from standard):**
- Pressure indicator: 0-..... bar(g). (Std. 0-40 bar)
  - Safety relief valve : .... bar(g). (Std. setting 40 bar)
  - Level gauge.
  - Soft parts in EPDM or Viton available on request.



Dimensions

| A   | B   | C    | D   | E   |
|-----|-----|------|-----|-----|
| 180 | 325 | 18.5 | 140 | -   |
| 344 | 488 | 19.5 | 306 | 153 |

All soft parts are easily replaceable to guarantee a long service life.

HPS also has available special engineered static make-up units, (the HDS series) using pneumatic or electrical drivers as desired. Units can be job specific engineered to clients requirements. Please consult our applications department.

**Ordering code:**

Example :  
Specifies :

**Flo-Pac®-HMF + volume + Material configuration code + 100<sup>(a)</sup>/Safety valve setting in bar.**

**Flo-Pac® HMF-5-SW-100/40**

A Flo-Pac HMF unit with 5 Ltr. reservoir, in stainless steel with a MAWP of 40 bar = setting of the safety relief valve

<sup>(a)</sup> (100/ refers to max pressure capability of the pump; the recommended maximum operating pressure is 80 barg.